1-171. (Cancelled)

172. (Currently amended) A method of delivering user specific programming at a receiver station, said receiver station including a receiver, a detector, a computer, and ~~at least one first~~ an output device, said method comprising the steps of:

receiving data and video programming, ~~said video programming to be outputted for a duration of time, wherein only a portion of said duration includes at least a first time interval of specific relevance, and~~ wherein at least one of said data and said video programming is received from at least one remote transmitter station;

~~selecting and~~ delivering said video programming to said ~~at least one first~~ output device for output to a user;

~~detecting said data before a time period during which user specific information will be processed and delivering said data to said computer;~~

receiving a first instruction signal after receiving said data;

generating ~~said~~, in response to said first instruction signal, user specific information ~~to serve as a basis for delivering said user specific programming~~ by processing ~~at least a first of~~ said data ~~in said time period~~;

receiving a second instruction signal after generating said user specific information;

communicating at least a first portion of said user specific information to said ~~at least one first~~ output device in ~~said at least said first time interval of specific relevance based on said step of generating~~ response to said second instruction signal concurrently with delivering a portion of said video programming of specific relevance to said output device; and

outputting said user specific programming, said user specific programming including said portion of video programming of specific relevance and said at least a first portion of said user specific information.

173. (Previously presented) The method of claim 172, wherein said step of communicating includes selecting said at least a first portion of said user specific information.

174. (Currently amended) The method of claim 173, ~~wherein said only said portion of said duration includes a plurality of time intervals of specific relevance,~~ said method further comprising the ~~step~~ steps of:

receiving a third instruction signal;

~~preparing to communicate~~ communicating at least a second portion of said user specific information in ~~at least~~ in response to said third instruction signal concurrently with delivering a second ~~of said plurality of time intervals~~ portion of said video programming of specific relevance to said output device.

175. (Currently amended) The method of claim 174, wherein said ~~only said portion of said duration~~ video programming includes at least one time interval during which user specific programming is not to be outputted at said ~~at least one~~ output device, said method further comprising the step of:

ceasing to output said at least a first portion of said user specific information before said at least one time interval.

176. (Previously presented) The method of claim 175, wherein said at least a first portion of said user specific information is selected before said at least one time interval.

177. (Currently amended) The method of claim 176, wherein said at least a second portion of said user specific information is ~~to be outputted~~ output at said ~~at least one~~ first output device after said at least one time interval.

178. (Currently amended) The method of claim 172, ~~wherein said at least one first output device includes a second output device,~~ said method further comprising the step of:

outputting ~~at said second output device at least one of (i) a portion of said user specific programming and (ii)~~ information which explains a significance of said user specific programming.

179 -180. (Cancelled)

181. (Currently amended) The method of claim ~~180~~ 178, wherein said user specific programming includes at least one graphic image and audio describes subject matter included in said at least one graphic image.

182 - 189. (Cancelled)

190. (Previously presented) The method of claim 172, wherein said video programming is received from said at least one remote transmitter station, said method further comprising the step of:

programming said receiver station to process digital data embedded in a signal including said video programming.

191. (Previously presented) The method of claim 190, wherein said receiver station performs at least one of said steps of generating and communicating based on said step of programming.

192. -193 (Cancelled)

194. (Previously presented) The method of claim 172, further comprising the steps of:

detecting at least a first discrete signal in a signal transmitted from said at least one remote transmitter station; and

organizing information included in said at least a first discrete signal with information included in a second discrete signal in order to transfer at least one microprocessor instruction.

195. (Previously presented) The method of claim 194, wherein said at least one microprocessor instruction includes said information included in said at least said first discrete signal and said information included in a second discrete signal and said step of organizing comprises assembling.

196. (Previously presented) The method of claim 172, wherein said data and said video programming are both received from said at least one remote transmitter station.

197. (Previously presented) The method of claim 196, wherein said at least one remote transmitter station includes at least one intermediate transmitter station, said method further comprising the step of:

tuning at least one receiver to receive said at least one of said first data and said video programming.

198. (Cancelled)

199. (Currently amended) A method of delivering user specific programming at at least one receiver station, each of said at least one receiver station including a receiver, at least one output device, a detector, and at least one processor operatively connected to said at least one output device, wherein each of said at least one receiver station is adapted to detect first data and generate second data, said second data to serve as a basis for communicating user specific information, said method comprising the steps of:

receiving ~~at least one of~~ video programming ~~and said first data~~ at at least a first transmitter station, ~~said video programming to be displayed at said at least one output device for at least a duration of time, wherein only a portion of said duration of time is to include at least one time interval of specific relevance, and wherein said first data are to be processed at said at least one receiver station to generate said second data~~;

receiving a first instruction signal at said at least a first transmitter station, said first instruction signal for instructing said at least one processor at said at least one receiver station to generate said second data by processing said first data;

receiving a second instruction signal at said at least a first transmitter station, said second instruction signal for instructing said at least one receiver station to communicate said second data to said at least one output device at said at least one receiver station;

commencing to ~~transfer~~ transmit said ~~at least one of said~~ video programming ~~and said first data to at least a first transmitter at a first specific time~~ from said first transmitter station;

transmitting said first instruction signal with said video programming from said first transmitter station; and

transmitting from said at least one transmitter station ~~at least one information transmission including said at least one of said video programming and said first data~~ said second instruction signal with a portion of said video programming of specific relevance, said second instruction signal instructing said at least one receiver station to output said second data with said portion of said video programming of specific relevance.

200-202. (Cancelled)

203. (Currently amended) The method of claim 199, wherein said at least said first transmitter station transmits both of said video programming and said first data, said method further comprising the step of:

~~commencing to transfer the other of said video programming and~~ transmitting said first data ~~to~~ from said at least said first transmitter ~~at a second specific time~~.

204. (Unchanged) The method of claim 203, wherein said at least said first transmitter station transmits at least one of said first data before transmitting at least a portion of said video programming.

205. (Cancelled)

206. (Currently amended) The method of claim 199, wherein said at least one receiver station outputs audio while outputting said video programming, said method further comprising the step of transmitting said audio from said at least one transmitter station.

207. (Currently amended) The method of claim 206, wherein said audio explains a significance of at least a portion of said user specific programming~~, said method further comprising the step of:~~

~~commencing to transfer said audio to said at least said first transmitter before transferring at least a portion of said video programming to said at least said first transmitter~~.

208-209. (Cancelled)

210. (Currently amended) The method of claim ~~209~~ 207, wherein said video programming and said audio are included in television programming, ~~said method further comprising the~~ wherein said step of commencing to transmit said video programming includes transmitting a television signal.

211. (Currently amended) The method of claim 210, ~~wherein at least one control signal enables said at least one receiver station to deliver said user specific programming at said at least one output device~~, said method further comprising the step of:

embedding said ~~at least one control~~ first instruction signal and said second instruction signal in at least one of said television signal and a multichannel signal including said television signal.

212-214. (Cancelled)

215. (Currently amended) A method of delivering user specific programming at least one receiver station, each of said at least one receiver station including a receiver, at least one output device, a detector, and at least one processor operatively connected to said at least one output device, wherein each of said at least one receiver station is adapted to detect first data and generate second data, said second data to serve as a basis for communicating user specific information, said method comprising the steps of:

receiving ~~at least one of~~ video programming ~~and said first data~~ at at least a first transmitter station, ~~said video programming to be outputted at said at least one output device for at least a duration of time, wherein only a portion of said duration of time to include at least one time interval~~

~~of specific relevance, and wherein said first data are to be processed at said at least one receiver station to generate said second data~~;

receiving ~~at least~~ a first ~~control~~ instruct signal ~~which operates at said at least said first transmitter station to communicate said at least one of said video programming and said first data to~~ at said at least a first transmitter station for instructing said at least one processor at said at least one receiver station to generate said second data by processing said first data; and

receiving a second instruction signal at said at least a first transmitter station, said second instruction signal for instructing said at least one receiver station to communicate said second data to said at least one output device at said at least one receiver station;

transmitting said first data to said at least one receiver station for storage at said receiver station;

transmitting from said at least one transmitter station ~~at least one information transmission including said at least one of~~ said video programming ~~and said first data~~;

transmitting said first instruction signal with said video programming from said at least one transmitter station;

transmitting from said at least one transmitter station said second instruction signal with a portion of said video programming of specific relevance, said second instruction signal instructing said at least one receiver station to output said second data with said portion of said video programming of specific relevance.

216 - 220. (Cancelled)

221. (Currently amended) The method of claim ~~220~~ 215, wherein said at least said first transmitter station transmits both of said video programming and said first data, said method further comprising the step of:

transmitting at least one of said first data before transmitting at least a portion of said video programming.

222 - 223. (Cancelled)

223. (Currently amended) The method of claim 215, further comprising the step of:

transmitting audio ~~in accordance with said at least said at least one first control signal~~.

224. (Previously presented) The method of claim 223, wherein said audio explains a significance of at least a portion of said user specific programming.

225. (Cancelled)

226. (Currently amended) The method of claim 215, wherein said video programming is included in television programming, ~~said method further comprising the step of:~~ and said step of said video programming includes transmitting a television signal ~~in accordance with said at least one first control signal~~.

227. (Currently amended) The method of claim 226, ~~wherein at least one instruction enables said at least one receiver station to deliver said user specific programming at said at least one output device, said method~~ further comprising the step of:

embedding said ~~at least one~~ first instruction signal in at least one of said television signal and a multichannel signal including said television signal.

228 - 229. (Cancelled)

230. (Currently amended) The method of claim 215, wherein said ~~at least said first transmitter is located at~~ said first data is transmitted from a second transmitter station~~, said method further comprising the steps of:~~

~~communicating said at least one first control signal to a second transmitter; and~~

~~transmitting said at least said first control signal~~.

231 -234. (Cancelled)

235. (Currently amended) A method of delivering customized programming at a receiver station, said receiver station including a receiver, a detector, a computer, and at least one output device, said method comprising the steps of:

receiving data and video programming, ~~said video programming to be outputted for a duration of time~~, wherein ~~only a portion of said duration includes at least one time interval of~~

~~specific relevance, and~~ at least one of said data and said video programming is received from at least one remote transmitter station;

~~selecting and~~ delivering said video programming to said at least one output device for output to a user;

storing said data ~~before a time period during which user information will be processed~~;

receiving a first instruction signal after storing said data;

generating ~~said~~, in response to said first instruction signal, user information ~~to serve as a basis for delivering said customized programming~~ by processing at least one of said data ~~in said time period~~;

receiving a second instruction signal after generating said user information;

communicating said user information to said at least one output device in ~~said at least one time interval~~ response to said second instruction signal and concurrently with delivering a portion of said video programming of specific relevance ~~based on said step of generating~~ to said at least one output device; and

outputting said customized programming, said customized programming including said portion of said video programming of specific relevance and said user information.

236. (Currently amended) An apparatus for coordinating a programming presentation at a mass medium programming receiver station comprising:

a first receiver section for receiving mass medium programming and data at said mass medium programming receiver station;

~~a first of a plurality of~~ an output ~~devices~~ device operatively connected to said first receiver section for outputting said mass medium programming;

a decoder operatively connected to said first receiver section for identifying a first instruction signal and a second instruction signal in said mass medium programming;

a ~~first~~ processor operatively connected to said ~~first receiver section for receiving from at least one of a remote station and a mass medium programming source a signal that designates at least one coordinated programming output to present;~~

~~a second receiver section operatively connected to said first processor for receiving an instruct signal which is effective to control a specific fashion of coordinated presentation;~~

~~a second processor operatively connected to said second receiver section for controlling at least one of said plurality of output devices; and~~

~~a second of said plurality of output devices operatively connected to said second processor for outputting coordinated mass medium programming material~~ decoder and said output device for generating user specific information by processing said data and for communicating said user specific information to said output device, said processor generating said user specific information in response to said first instruction signal after said first receiver section receives said data and said processor communicating said user specific information to said output device in response to said second instruction signal after generating said user specific information and concurrently with said output device outputting a portion of said mass medium programming of specific relevance;

wherein said programming presentation is output, said programming presentation including said portion of said mass medium programming of specific relevance and said user specific information.

237. (Cancelled)

238. (Currently amended) An apparatus for coordinating a programming presentation at a mass medium programming receiver station comprising:

a first receiver section for receiving mass medium programming and data at said mass medium programming receiver station;

~~a first~~ an output device operatively connected to said receiver ~~station~~ section for outputting said mass medium programming to a subscriber;

a ~~control signal detector~~ decoder operatively connected to said receiver section for ~~detecting the presence of a timing signal communicated from at least one of a remote station and a mass medium programming source~~ identifying a first instruction signal and a second instruction signal in said mass medium programming;

a processor including a storage device operatively connected to said ~~control signal detector~~ decoder and said output device for ~~controlling a selected output device in response to an instruct to coordinate signal that designates at least one of a signal kind and a device to control;~~

~~a second output device operatively connected to said processor for outputting selected mass medium programming material in response to a control signal, said coordinated mass medium programming material being outputted at said receiver station with said mass medium programming~~ storing said data at said storage device, for generating user information by processing said data and for communicating said user information to said output device, said processor generating said user information in response to said first instruction signal after storing said data and said processor

communicating said user information to said output device in response to said second instruction signal after generating said user information and concurrently with said output device outputting a portion of said mass medium programming of specific relevance;

wherein said programming presentation is output, said programming presentation including said portion of said mass medium programming